

Quiz Tool

Report Name	Outline Project Specification
Author (User Id)	Michal Goly (mwig2)
Supervisor (User Id)	Chris Loftus (cwl)
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1 Project description

Quiz system -¿ what it is

2 Proposed tasks

1. Running within the aber intranet or not 2. External cloud provider vs local debian container 3. Authentication concerns -¿ how to access LDAP from the outside of the university network 4. Technology used 5. Angular 4 investigation 6. Real time nature of the project 7. Continuous delivery 8. Setting up the version control with suitable safe-guards 9. Agile methodology 10. Use of Docker 11. docker-compose vs kubernetes 12. Persistence and backups of the MongoDB container

3 Project deliverables

1. Containerised back-end consisting of an Express app with a MongoDB persistence layer 2. Containerised front-end in Angular 4 for lecturers and students 3. Final project